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S. ROSENBERG

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GARMENT HANGER

Filed March 17, 1930

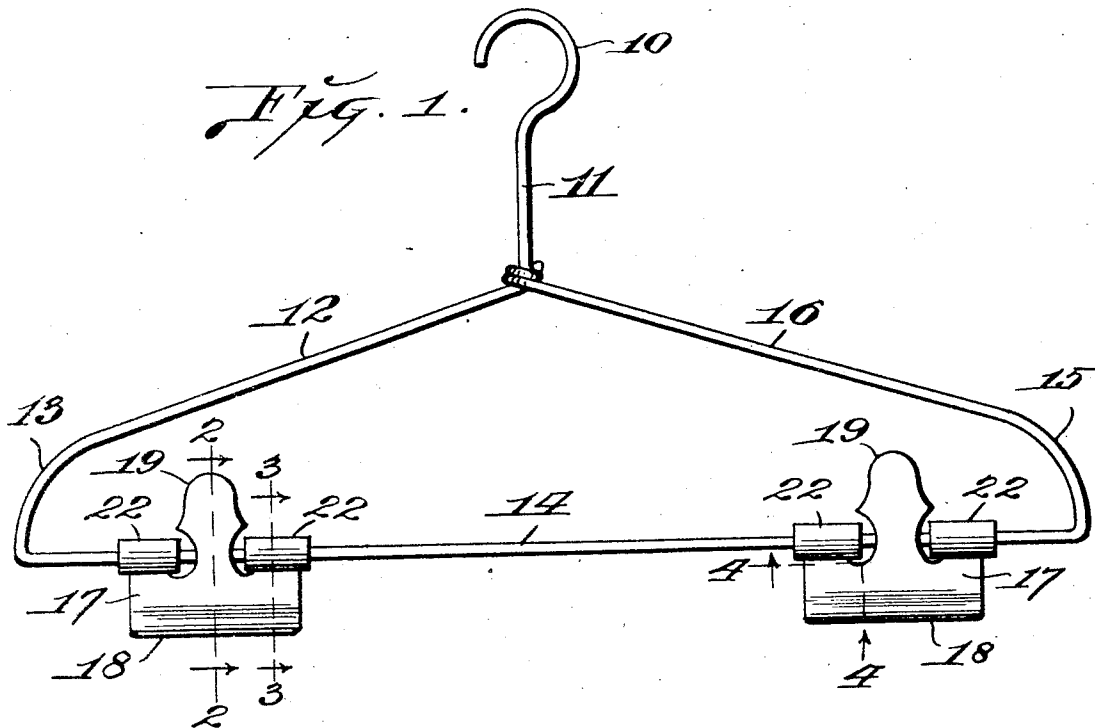


Fig. 2.

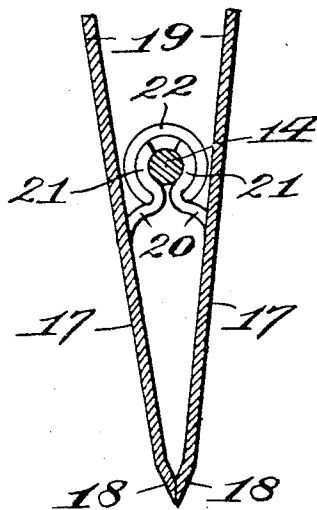


Fig. 3.

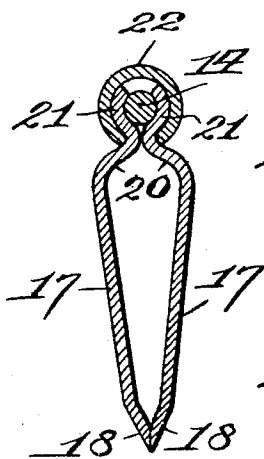


Fig. 4.

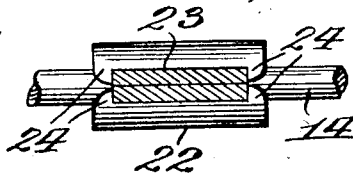
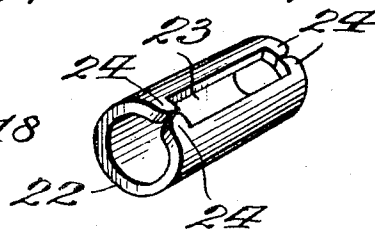


Fig. 5.



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GARMENT HANGER

Application filed March 17, 1930. Serial No. 436,398.

My invention relates to a garment hanger of the general type set forth in a co-pending application for U. S. Letters Patent filed by me May 29th, 1929, Serial No. 366,928 and the principal object of my present invention is, to generally improve upon and simplify the construction of the garment hanger disclosed in my aforesaid patent application as well as other existing forms of garment hangers that are suspended from a rail or other suitable support and which receive and suspend in a convenient manner various garments such as coats, vests, trousers, dresses, skirts and the like.

Further objects of my invention are, to provide a garment hanger that is relatively simple in construction, inexpensive of manufacture, constructed so as to occupy comparatively little space when suspended from a rail or other support and further, to provide a garment hanger having two or more spring clips that are mounted for sliding movement upon a rod and which clips are clamped to the rod in their adjusted positions by springs that are associated with the clips and which springs are also effective in yieldingly holding the jaws of the clips in closed positions.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawing, in which:

Fig. 1 is an elevational view of a garment hanger embodying the principles of my invention.

Fig. 2 is an enlarged vertical section taken on the line 2—2 of Fig. 1.

Fig. 3 is an enlarged vertical section taken on the line 3—3 of Fig. 1.

Fig. 4 is an enlarged detail section taken on the line 4—4 of Fig. 1.

Fig. 5 is a perspective view of one of the springs utilized in the spring clips forming a part of my invention.

In the construction of my improved garment hanger the frame thereof is preferably formed from a single piece of wire, one end of which is bent to form a hook 10, whereby the hanger may be readily suspended from

a rail or other suitable support and from this hook the wire from which the frame is formed extends vertically downward to form a straight shank 11 and from the lower end of this shank the wire is extended laterally and downwardly to form an inclined member 12 that is adapted to receive and support the shoulder portion of a coat, vest or dress.

The outer portion of this inclined member 12 is curved downwardly and from the lower end of said downwardly curved portion the wire is extended inwardly in a plane at right angles to the plane occupied by the shank 11 to form a horizontally disposed rod 14 that receives the spring clips hereinafter more fully described. At the end of this horizontal portion 14, the wire is bent upwardly and inwardly to form a curved portion 15 that corresponds with the curved portion 13 and from the upper end of this curved portion 15 the wire extends upwardly and inwardly to form an inclined member 16 that corresponds to the member 12 and the end of said member 16 is coiled about the lower end of shank 11, thus providing a compact, one piece, light weight garment hanger.

Mounted on the rod 14, that forms the bottom of the frame, are two or more garment engaging clips and each clip includes a pair of jaws 17 preferably formed of suitable sheet metal pressed or stamped to proper form and the lower portions of these jaws are bent slightly inward toward each other, as designated by 18, so as to provide cooperating garment gripping members.

Formed integral with and projecting upwardly from the intermediate portions of the plates forming the jaws 17 are ears 19, which function as handles to be engaged and pressed toward each other when the jaws are opened.

The upper portions of the plates forming the jaws 17 to the sides of the ears 19 are bent inwardly to form shoulders 20 and from said shoulders the terminal portions of the plates are bent to form horizontally disposed channel-shaped members 21 that cooperate to form a substantially cylindrical bearing that receives the rod 14.

In order to clamp the bearing members 21 on the rod and at the same time by yieldingly resist the opening of the jaws, short tubular members 22 of resilient metal, such as steel, are arranged on the pairs of bearing members 21 and each tubular spring is split lengthwise in order that it may be associated with the corresponding pair of bearing members.

The edges of each tubular spring adjacent to the split therein are cut away to form an opening 23 for the accommodation of the lower portions of the bearing members 21 and the opposite edges of the material forming the tubular spring at the sides of the opening 23 therein, bear directly against the outer faces of the lower portions of the bearing members 21, thereby tending to press said bearing members toward each other and consequently clamping the same unto the rod 14.

At the ends of the opening 23 of each tubular spring the metal to the sides of the split is extended inwardly to form short ears or lugs 24 which, when the springs are properly placed over the bearing members 21, engage against the lower portions of the ends of said bearing members and thereby retain the tubular springs in proper position upon the jaws of the spring clips.

In addition to clamping the bearing members 21 upon the rod 14, the resiliency of the tubular springs 22 bears on the upper portions of the jaws of the clips so as to retain the lower edges 18 thereof in engagement with each other or in gripping engagement with an interposed garment and thus the spring clips may be utilized for gripping the upper portion of a garment, for instance, the waistband of a pair of trousers or a skirt.

To open the jaws of the spring clip it is only necessary to press the ears 19 toward each other and the lower portions of said jaws will open as the bearing members 21 lock upon the rod 14 and when pressure upon the ears is removed the lower portions of the jaws will move toward each other under the influence of the springs 22 to grip an interposed garment.

The spring clips may be adjusted lengthwise upon the rod 14 by applying pressure to the ends of the clips or to facilitate this adjustment the jaws may be swung apart by pressure applied to the ears 19 and such action will relieve the bearing members 21 of the pressure exerted by the tubular springs 22.

In some instances, it may be found desirable to use a single tubular spring upon each pair of jaws instead of two springs as herein shown and described and where such construction is employed the tube will be constructed of sufficient length to enclose both pairs of bearing members 21.

Thus it will be seen that I have provided a relatively simple, practical and inexpensive

garment hanger having its upper portion shaped so as to conveniently receive and support the shoulder portions of coats, vests, dresses and the like and the lower portion of the frame of the hanger being equipped with spring clips that are mounted for sliding and rotary movement upon the rod or rail forming the lower portion of the frame of the hanger and said clips being provided with springs that cause the jaws of the clips to grip an interposed garment and at the same time to cause the bearing portions of the clips to clamp the rod upon which they are mounted.

A garment hanger of my improved construction is very compact, is strong and durable and is very effective in performing the functions for which it is intended.

It will be understood that minor changes in the size, form and construction of the various parts of my improved garment hanger may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claim.

I claim as my invention:

In a garment hanger, a rod, a spring clip arranged for sliding movement on said rod and comprising a pair of cooperating jaws, pairs of horizontally disposed channel-shaped bearings formed on the upper portions of said jaws adjacent to the ends thereof, said bearings being adapted to cooperate and form substantially tubular members that are adapted to engage said rod, a substantially tubular spring fitting snugly over and surrounding each pair of said bearings for clamping the same upon the interposed rod and resisting opening movement of the jaws the greater portion of the inner surface of each spring contacting the outer surface of the enclosed tubular member and lugs projecting toward each other at each end of each tubular spring, said lugs overlying the ends of the corresponding bearings for retaining the spring in position thereupon and for maintaining the jaws in proper assembled relation.

In testimony whereof I affix my signature.
SOLOMON ROSENBERG.

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